



PATENT
USA.292-1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor: Jon Jody Fong) Attorney Docket No.: USA.292-1
Title: Cooling Techniques in Solid) Express Mail Label No.: EV233757969US
Freeform Fabrication)
Date Filed: February 20, 2004) Customer No.: 022514
A Divisional of Appl. No. 10/001,727)

Commissioner for Patents
P.O. Box 1450
Alexandria, Va 22313-1450

Certificate Under 37 CFR §1.10

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February 20, 2004

Date of Deposit

Carolyn Cerrato

Name

Signature

UTILITY PATENT APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of Inventor: Jon Jody Fong.

APPLICATION ELEMENTS

1. Fee Transmittal Form.
2. Type of Application.

This new application is for a(n) (*check one applicable item below*):

- ☐ Original
- ☒ Divisional
- ☐ Continuation
- ☐ Continuation-in-part (CIP) of Prior Application No.:
Attorney Docket No.: Filed:

3. Papers Enclosed Which Are Required For Filing Date Under 37 CFR 1.53(b).

- ☒ Pages of Specification Total Pages: 30
- ☒ Drawings - Formal Total Sheets: 15 (20 Figures)

- ☒ Oath or Declaration and Power of Attorney for Patent Application
Newly executed (original or copy)
☒ Copy from a prior application (37 CFR 1.63(d))

4. Additional Papers Enclosed.

- ☒ Assignment Papers (cover sheet & document(s))
☒ Information Disclosure Statement (IDS)/PTO-1449
Copies of IDS Citations
☒ Return Receipt Postcard (MPEP 503)

5. Inventorship.

The inventorship names and addresses for all the claims in this application are:

Jon Jody Fong
22452 Galilee Street
Calabasas, California 91302

6. Language.

- ☒ English

Dated: February 20, 2004



Ralph D'Alessandro
Reg. No. 28,838
Attorney for Applicant

3D Systems, Inc.
26081 Avenue Hall
Valencia, CA 91355
(616) 295-5600, ext. 2470

- ☒ Statement Where No Further Pages Added.
☒ This Transmittal Ends With This Page.

022004

17607 U.S. PTO

PTO/SB/17 (10-03)
Approved for use through 07/31/2006. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) \$434.00

Complete if Known

Application Number	To Be Assigned
Filing Date	February 20, 2004
First Named Inventor	Jon Jody Fong
Examiner Name	To Be Assigned
Art Unit	To Be Assigned
Attorney Docket No.	USA.292-1

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number: 20-0900

Deposit Account Name: 3D Systems, Inc.

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Credit any overpayments

☒ Charge any additional fee(s) or any underpayment of fee(s)

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE			
Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee Code		
1001 770	2001 385	Utility filing fee	385.00
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1)			(\$ 385.00)

2. EXTRA CLAIM FEES FOR UTILITY AND			
Total Claims	Extra Claims	Fee from below	Fee Paid
21	-20** = 1	X 9.00 =	9.00
Independent Claims	2 - 3** = 0	X	0.00
Multiple Dependent			

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee Code		
1202 18	2202 9	Claims in excess of 20	
1201 86	2201 43	Independent claims in excess of 3	
1203 290	2203 145	Multiple dependent claim, if not paid	
1204 86	2204 43	** Reissue independent claims over original patent	
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)			(\$ 9.00)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES			
Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee Code		
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non - English specification	
1812 2,520	1812 2,520	For filing a request for <i>ex parte</i> reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR § 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Statement	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	40.00
1809 770	2809 385	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR § 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	
Other fee (specify)			
SUBTOTAL (3)			(\$ 40.00)

*Reduced by Basic Filing Fee Paid

SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	Ralph D'Alessandro	Registration No.	28,838
Signature		Telephone	661-295-5600 ext 2486
		Date	February 7, 2004

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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